FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 12-2004)

Notice of Priority/Drawings (5 sheets)/PTO-1449 Cited References (6)/Statement of Relevancy

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 264455US0PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/JP03/09743

INTERNATIONAL FILING DATE 31 July 2003

31 July 2002 (earliest)

TITLE OF INVENTION

CHEMICAL REACTION SYSTEM OF ELECTROCHEMICAL CELL TYPE, METHOD FOR ACTIVATION THEREOF AND

METHOD FOR REACTION APPLICANT(S) FOR DO/EO/US AWANO Masanobu et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. Ø 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6),  $\boxtimes$ 3. (9) and (24) indicated below.  $\boxtimes$ The US has been elected (Article 31). 4. 5.  $\boxtimes$ A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is attached hereto (required only if not communicated by the International Bureau). a. 🗆 b. 🗵 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). c. 🗆 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛛 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. c. 🗆 d. 🛛 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9.  $\boxtimes$ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11. 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included:  $\boxtimes$ 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14.  $\boxtimes$ 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 20. 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. Express Mail Label No.  $\boxtimes$ 23. Other items or information: PCT/IB/304/Application Data Sheet/PCT/IB/308

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 111/2221/4 PCT/JP03/09743 264455US0PCT Applicant use Office use 24. The following fees are submitted: \$300.00 \$300.00 \$200.00 \$200.00 \$500.00 \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 \$1,000.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. The fee is Number of each additional 50 or RATE **Total Sheets** Extra Sheets fraction thereof (round up to a whole - 100 = /50 = \$250.00 \$ \$0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than months from the \$ earliest claimed priority date (37 CFR 1.492(e)). RATE NUMBER EXTRA NUMBER FILED CLAIMS \$950.00 Total claims - 20 = 19 \$50.00 X 3 - 3 = \$0.00 Independent claims O \$200.00 \$ х MULTIPLE DEPENDENT CLAIMS (if applicable)  $\Box$ \$360.00 \$ \$0.00 TOTAL OF ABOVE CALCULATIONS = \$1,950.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$ \$0.00 reduced by 1/2. SUBTOTAL = \$ \$1,950.00 Processing fee of \$130.00 for furnishing the English translation later than 30 months from \$0.00 the earliest claimed priority date (37 CFR 1.492(f)). \$ \$1,950.00 TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be \$ \$0.00 accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property \$1,950.00 TOTAL FEES ENCLOSED = Amount to be refunded: \$ Amount to be charged: a. A check in the amount of \$ to cover the above fees is enclosed. to cover the above fees. b. Please charge my Deposit Account No. in the amount of A duplicate copy of this sheet is c. X The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed. d. X Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: 22850 **SIGNATURE** Surinder Sachar Norman F. Oblon Registration No. 34,423 NAME 24,618 **REGISTRATION NUMBER** 

Docket No.

264455US0PCT

LI D

IN RE APPLICATION OF: Masanobu AWANO et al.

SERIAL NO: New U.S. PCT Application Based on PCT/JP03/09743

HEREWITH

FILED: FÕR:

CHEMICAL REACTION SYSTEM OF ELECTROCHEMICAL CELL TYPE, METHOD FOR ACTIVATION

THEREOF AND METHOD FOR REACTION

GOMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required

☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.

Additional documents filed herewith:

PCT Transmittal Letter/PCT/IB/304/English Translation of Specification/PCT/IB/308 Application Data Sheet/Notice of Priority/Drawings (5 sheets)/Declaration/PTO-1449 Information Disclosure Statement/Cited References (6)/Statement of Relevancy International Search Report/Credit Card Payment Form for \$1,950.00

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	39	MINUS	39	0	х	\$50	. 11	\$0.00
INDEPENDENT	3	MINUS	3	0	х	\$200	=	\$0.00
		☐ MULTIPLE DEPENDENT CLAIMS + \$360 =						\$0.00
			TOTAL	OF ABOVE CA	LCU	JLATIC	ONS	\$0.00
		☐ Reduction by 50% for filing by Small Entity						\$0.00
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- ☐ Credit card payment form is attached to cover the fees in the amount of \$0.00
- Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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